

REMARKS

The Office Action of 09/14/2007 has been carefully considered. Reconsideration in view of the foregoing amendments and the present remarks is respectfully requested.

Claims 1-16 were rejected as being unpatentable over Nokes in view of Selember. The claims have been amended to more clearly distinguish over the cited references. Reconsideration is respectfully requested.

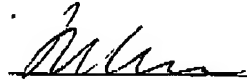
In particular, claim 1 has been amended to incorporate the features of claim 2, which has been canceled. Claim 12 has been amended to incorporate the features of claim 13, which has been canceled. The claims therefore now recite that a determination is made if an impulse arises by comparing the stored impulse wavelet with a wavelet arising in the received signal. The rejection as it was applied to claims 2 and 13 is respectfully traversed.

With respect to claim 2, for example, the rejection stated: "Selember et al. sum 343a can be considered as a comparator." Applicant respectfully disagrees.

The function of element 343a in Selember is quite simply to perform noise cancellation by subtracting a noise replica from the received signal. The element 343a does not in any way form a comparator, perform comparison, or otherwise participate in determining *whether* an impulse has arisen. The element 343a can be called many names if one wishes. However, it only performs one function as disclosed, namely that of subtracting a noise replica from the received signal. It does not perform the function of comparing the stored impulse wavelet with a wavelet arising in the received signal as presently claimed.

Withdrawal of the rejections and allowance of claims 1-16 is respectfully requested.

Respectfully submitted,



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Dated: 10/29/2007